



PROJECT NUMBER

323666.03.17.07

BORING ID:

17C084

Sheet 1 of 2

SOIL BORING LOG

PROJECT: Beale AFB-Site 17 PRB, Phase 1 Drilling

LOCATION:

ELEVATION: 148.76

NORTHING: 2162225.72

EASTING: 6743591.33

DRILLING CONTRACTOR: Resonant Sonic International, Woodland, CA

DRILLING METHOD AND EQUIPMENT USED: Power Probe 9630 Direct Push

WATER LEVELS: 14.5 ftt bgs

START: 8/17/2005 10:30:00 AM

END:

LOGGER: B. Moayyad

DEPTH BGS (ft)				STANDARD PENETRATION TEST RESULTS	CORE DESCRIPTION:	COMMENTS:
INTERVAL (ft)					SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
		RECOVERY	TYPE-#			
		SS-Spill Spoon ST-Shelby Tube		6-6-6 (in) (N)		
0	0-5	2.4/ 4.0'			SM - SILTY SAND (SM) brown (7.5YR 4/3), moist, medium density, - ~75% fine sand, ~25% silt fines	
1					-	
2					-	
3					-	
4		2.5/ 4.0'			-	
5	5-9				SW - WELL GRADED SAND WITH SILT AND GRAVEL (SW), brown (7.5YR - 4/4), moist, loose, ~15% subangular gravel, ~5-15% silt	
6					-	
7					-	
8	8-8	2.5/ 4.0'			SW -	
9	9-11.5				SW - WELL GRADED SAND WITH GRAVEL (SW), brown (7.5YR 4/4), - saturated, loose to medium, ~15% subrounded gravel, ~75%	PID = 0.0 (soil), BZ = 0.0
10		1.2/ 2.0'			SW - fines	
11					-	
12	11.5-19	1.3/ 2.0'			GC - CLAYEY GRAVEL (GC), brown (7.5YR 4/3), wet, medium to hard, - ~40% fine to coarse angular gravel, ~25% fine to coarse	PID = 0.0
13					- sand, ~35% silt and clay	
14		1.4/ 2.0			GC -	
15					-	
16		0/2.0'			GC -	
17					-	
18		0/2.0'			GC -	
19	19-22.5				GC - No recovery, likely same as above	PID = 0.0
20		0/2.0'			-	
21					-	
22		0/2.0'			-	

DEPTH BGS (ft)		STANDARD PENETRATION TEST RESULTS		CORE DESCRIPTION:	COMMENTS:
INTERVAL (ft)		RECOVERY		SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
		TYPE-# <small>SS-Split Spoon ST-Shelby Tube</small>	6-6-6 (in) (N)		
23 -	22.5-24	0/2.0'		GC - No recovery, very hard -	11:15 Collect groundwater sample 17C084HP20 at 16-20 ft. Push is difficult
24 -				GC - Refusal at 24 ft bgs -	
25 -				-	